Abstract of the Disclosure

The invention provides the compounds of the formula (1)

$$\begin{array}{c|c}
O \\
\hline
O \\
N - \left[-CH - \right]_{n} \left(-O - A - \right)_{m} N^{-} R^{4} \\
O \\
R^{2}
\end{array}$$
(1)

where

Is C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, -CHR⁵-COO⁻ or -O⁻,

R² is hydrogen -CH₃ or -OH,

 R^3 , R^4 are each independently C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,

 R^5 is hydrogen, C_1 - to C_{22} -alkyl or C_2 - to C_{22} -alkenyl,

A is a C_2 - to C_4 -alkylene group,

D is a C₂- to C₅-alkylene group which may contain one or two heteroatoms,

m is a number from 0 to 30,

n is a number from 1 to 18,

and also their use as corrosion and gas hydrate inhibitors.